PTO/SB/21 (09-04)
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

- OF MAR		Application Number		10/774,682
TRANSMITTAL FORM		Filing Date		02/09/2004
		First Named Inventor		Brent M. Segal et al
<u>v</u>		-Art Unit		2811
(to be used for	all correspondence after initial filing	Examiner Name		TBA
Total Number of	Pages in This Submission	Attorney Docket Number		112020.129US2 NAN-6
		ENCLOSURES (Check a	all that apply	ν)
Fee Trans	smittal Form	Drawing(s)	-	After Allowance Communication to TC
Fe	ee Attached	Licensing-related Papers		Appeal Communication to Board of Appeals and Interferences
Amendme	ent/Reply	Petition		Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
Af	ter Final	Petition to Convert to a Provisional Application		Proprietary Information
☐ Af	fidavits/declaration(s)	Power of Attorney, Revocat Change of Correspondence		Status Letter
	of Time Request	Terminal Disclaimer		Other Enclosure(s) (please Identify below):
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Informatio	n Disclosure Statement	CD, Number of CD(s)		
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		Remarks		
Document	((s) /lissing Parts/	1. PTO Form 1449		
Incomplete	e Application eply to Missing Parts	2. 18 Publications		
un un	der 37 CFR 1.52 or 1.53			
	SIGNATU	RE OF APPLICANT, ATT	ORNEY, C	OR AGENT
Firm Name	Wilmer Cutler Pickering	Hale and Dorr LLP		
Signature	Ret	- mos		
Printed name	Pe	eter M. Dichiara		
Date 11/24/2004		1/2004	Reg. No.	38,005
	CER	TIFICATE OF TRANSMIS		ILING
sufficient postage	as first class mail in an envelo	g facsimile transmitted to the USF ope addressed to: Commissioner (	TO or depos for Patents, I	sited with the United States Postal Service with P.O. Box 1450, Alexandria, VA 22313-1450 on
the date shown be Signature	elow:	renahi Bous	200	
Typed or printed n	name	Tina M. Dougal		Date 11/24/2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: RUECKES, et al.

Application No.: 10/774,682

Filed: February 9, 2004

For: Nanotube Films and Articles

Group Art Unit: 2811

Examiner: To Be Assigned

Attorney Docket No.: 112020.129 US2 NAN-6

# CERTIFICATE OF MAILING (37 C.F.R. § 1.8 a)

I hereby certify that this correspondence is being deposited with the United States Postal Service under 37 CFR 1.8a and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on November 24, 2004.

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

### INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97-98, and M.P.E.P. §609, Applicants hereby enclose Forms PTO-1449 that includes publications that have previously been cited in a prior patent application Serial No. 10/128,118 filed April 23, 2002, now U.S. Patent No. 6,706,402 issued March 16, 2004, from which the above application claims priority under 35 U.S.C. §120. With the exception of the following list of publications identified below, pursuant to 37 C.F.R. § 1.98(d), no further copies of the previously cited art are enclosed.

# New U.S. Patents/Publications Not Previously Listed (Copies not required and not enclosed herewith)

US-2003/0124837
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# **Enclosed Publications**

A1	Winslow, Troy. "Advanced+ Boot Block World's First 0.18-Micron Flash Memory." Flash Products Group. April 17, 2000.
A2	"Double Sided 4Mb SRAM Coupled Cap PBGA Card Assembly Guide." International Business Machines Corp. (IBM), 1998.
A248	Dai, Hongjie. "Controlled Chemical Routes to Nanotube Architectures, Physics, and Devices." <i>The Journal of Physical Chemistry B</i> (1999); 103: 11246-11255.
A249	Colomer, JF., at al., "Characterization of Single-Walled Carbon Nanotubes Produced by CCVD Method." <i>Chemical Physics Letters</i> (2001); 345, 11-17.
A251	Cassell, A., et al., "Large Scale Synthesis of Single-Walled Carbon Nanotubes." <i>The Journal of Physical Chemistry B</i> (1999); Vol. 103, No. 22: 6484-6492.
A258	Homma, Y., et al., "Growth of Suspended Carbon Nanotube Networks on 100nm-Scale Silicon Pillars." <i>Applied Physics Letters</i> . (2002); Vol. 81 No. 12, 2261-2263.
A260	Kong, J., et al., "Syntheses of Individual Single-Walled carbon Nanotubes on Patterned Wafers." <i>Nature</i> (1998); 395: 878-881.
A263	Peigney, A., et al., "A Study of the Formation of Single-and-Double-Walled carbon Nanotubes by a CVD Method." <i>The Journal of Physical Chemistry B</i> (2001); 105: 9699-9710.
A264	Franklin, N., et al., "Integration of Suspended Carbon Nanotube Arrays into

	Electronic Devices and Electroechanical Systems." <i>Applied Physics Letters</i> (2002); Vol. 81 No. 5, 913-905.
A267	Reuckes, T., et al., "Carbon Nanotube-Based Nonvolatile Random Access Memory for Molecular Computing." <i>Science</i> , vol. 289, 94-97, July 7, 2000
A269	Soh, et al., "Integrated Nanotube Circuits: controlled growth and ohmic contacting of single-walled carbon nanotubes", Applied Physics Letters, August 2, 1999, Vol. 75, No. 5, 627-629
A276	Snow, E.S. et al., "Random Networks of Carbon Nanotubes as an Electronic Material." Applied Physics Letters, March 31, 2003, Vol. 82, No. 13, 2145-2147.
A277	Bernholc et al., "Mechanical and Electrical Properties of Nanotubes", Annu. Rev. Mater. Res., 32 (2002) 347.

## **Enclosed Foreign Patents/Applications**

EP 0296716 A3

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EP 1061043 A1

It is respectfully requested that the information above be expressly considered and that the publications be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

As this paper is being filed prior to the issuance of a first Office Action on the merits, and pursuant to 37 C.F.R. § 1.97(b)(3), no fee is believed to be due. In the event a fee is due, the Commissioner is authorized to charge any fee deficiency or credit any overpayment to Deposit Account No. <u>08-0219</u>.

Dated: November 24, 2004

Respectfully submitted,

Peter M. Dichiara Registration No. 38,005 Attorney for Applicants

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# Subtroor, PTO-1449 NOV 2 5 2004 INFORMATION DISCLOSURE IN AN APPLICATION (Use several sheets if necessary)

Docket Number 112020.129US2 NAN-6 Application Number 10/774,682

Applicant

SEGAL, Brent M., et al.

Sheet 1 OF 40

Filing Date
February 9, 2004

Group Art Unit 2811

		U.S. Patent Do	cuments	
Examiner Initial	Document No.	Publication Date mm-dd-yyyy	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	US-5,346,683	09/13/1994	Green et al.	
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EXAMINER	DATE CONSIDERED				
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citation if not conformance and not considered. Include copy with next communication to applicant.

Subt. For, PTO-1449  INFORMATION DISCLOSURE IN AN APPLICATION				Docket Number Application Number 112020.129US2 10/774,682 NAN-6		
IN AN APPLICATION (Use several sheets if necessary)				Applicant SEGAL, Brent M., et al.		
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Sheet	2	OF	40	February 9, 2004	2811	
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		U.S. Patent Doo	cuments	
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EXAMINER	DATE CONSIDERED .				
EXAMINER: Initial if citation is considered, whether or not citation is in conformance with MPEP § 609: Draw Line through citation if not conformance and not considered. Include copy with next communication to applicant.					

Subt. For, PTO-1449				Docket Number Application Number		
INFORMATION DISCLOSURE				112020.129US2 10/774,682 NAN-6		
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Sheet         3         OF         40		February 9, 2004	2811			
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		U.S. Patent Do	cuments	, , , , , , , , , , , , , , , , , , ,
Examiner Initial	Document No.	Publication Date mm-dd-yyyy	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
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EXAMINER: Initial if citation is considered, whether or not citation is in conformance with MPEP § 609: Draw Line through					
citation if not conformance and not considered. Include copy with next communication to applicant.					

Subt. For, PT	O-1449			Docket Number	Application Number
INFORMATION DISCLOSURE IN AN APPLICATION (Use several sheets if necessary)				112020.129US2 NAN-6	10/774,682
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Sheet	4	OF	40	February 9, 2004	2811

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		U.S. Patent Do		
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Subt. For, PTC	D-1449			Docket Number	Application Number
INFO	DRMATION I			112020.129US2 10/774,6 NAN-6	10/774,682
IN AN APPLICATION			אוכ	Applic	
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Subt. For, PTO-1449 Docket Number Application Number 10/774,682 112020.129US2 INFORMATION DISCLOSURE NAN-6 IN AN APPLICATION Applicant SEGAL, Brent M., et al. (Use several sheets if necessary) Group Art Unit Filing Date 7 Sheet OF 40 February 9, 2004 2811

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